

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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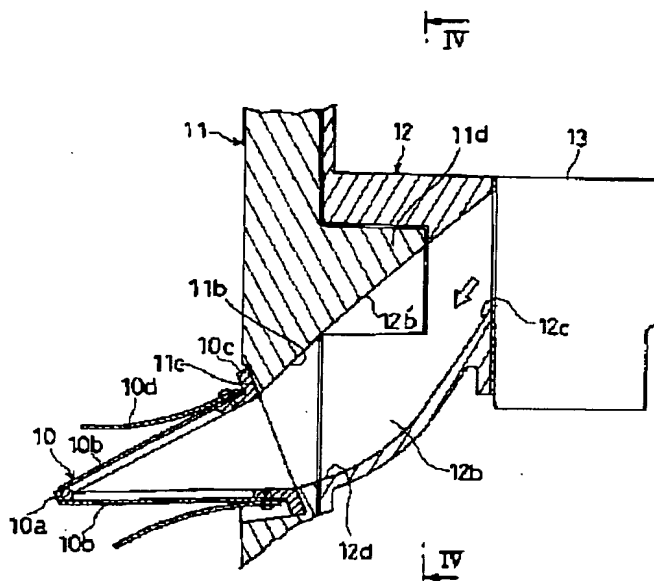
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APPLICANT : SANSIN IND CO LTD;

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TITLE : INTAKE DEVICE OF OUTBOARD  
ENGINE



ABSTRACT : PURPOSE: To provide an intake device of an outboard engine in which die casting can be adopted while avoiding restraint as for passage form and the construction of a metallic mold is not complicated.

CONSTITUTION: This intake device of an outboard engine is constituted so that the downstream end opening 12d of a casting intake manifold 12 is communicated and connected to the intake port communicating with a crankcase, and a carburetor 13 is communicated and connected to the upstream end opening 12c of the manifold 12. A filling part 11d corresponding to a part 12b' undercut at drawing out the casting mold of the intake passage 12b of the intake manifold 12 is provided, and the filling part lid is positioned on the undercut part 12b' of the intake passage 12b, so as to constitute a part of the intake passage 12b.

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